TO CORRESPONDENTS.

"Lego," "R. N.," "J. M." (we shall be happy to see drawings), "X. L." (it depends on covenants of lease. We should say—No.) "A Great Admirer," "W. M. B." (see Mr. Fairbairn's letter in Times of Wednesday), "J. L. B." (not dear), "Constant Reader," "Ex M. F.," "C. G. G.," "Chapel-Keeper," "C. R. C.," "J. M." (338, 339, 340, 361, 362, may be had: others are out of print), "T. C. G." (Essays, 39, Red Lion-square), "R. G" (366 will not be reprinted), "J. C. M." (apply to M. Regnar Westerholz, 2, Savage-gardens, London), "C. E." (ditto), "One who laments" &c. (apply to Mr. H. Cadogan, Pickett-place, near Temple-bar, and to Mr. Prickett, 16, Chancery-lane), "A Voluntary Exile," "G. P. S.," "P. C.," "W. W." (thanks; we do not wish to engrave it), "P. T.," "C. B.," "F. T." (send us description), "An Architect," "J. H. C." "An Essay on Window Tracery," by E. A. Freeman, M. A. (J. H. Parker, Oxford-street, London, 1850.) "Inquiry into the nature and application of Perspective," by H. Fleming, Esq (Longman and Co., 1850.) "Practical Ventilation," by R. Scott Burton, Engineer (Edinburgh—Blackwood and Sons, 1850.)

NOTICE.—All communications respecting advertisements should be addressed to the "Publisher," and not to the "Editor;" all other communications should be addressed to the EDITOR, and not to the Publisher.

"Books and Addresses."—We have not time to point out books or find addresses.

ADVERTISEMENTS.

NILE.—Grand Moving Panorama of the NILE, comprising all the monuments of antiquity on its banks, to which is added the interior of the great rock-cut Temple of Aboo Simbel, painted by Messrs. Warren, Bonomi, and Fahey. Also, a collection of Egyptian and Nubian curiosities.—Egyptian Hall, Piccadilly, daily at Three and Eight. Stalls, 3s.; pit, 2s.; gallery, 1s.—Children and schools half-price.

TO DRAUGHTSMEN AND CIVIL ENGINEERS.

H. MORRELL, BLACK LEAD PENCIL MANUFACTURER, No. 130, Fleet-street, London.

These Pencils are prepared in various degrees of hardness and shades.

H H H for drawing on wood.	F F light and shading.
H H H for architectural use.	F for general use.
H H for engineering.	B black for shading.
H for sketching.	B B ditto ditto.
H B hard and black for drawing.	B B B ditto ditto.
	D O O B ditto ditto
H medium.	

Sold by all the principal Stationers in town or country.

PAVING, 2s. 9d. PER SQUARE YARD.

Basements, Foot-paths, Wash-houses, Corn Stores, Floors of Warehouses, and every description of Pavement laid down at the above low price, and the work guaranteed.—Apply to JOHN PILKINGTON, PALMERSTON BITUMEN PAVEMENT OFFICE, 19, JOHN-STREET, ADELPHI.—N.B. Country Arcades and Railway Engineers and Contractors supplied with the best bitumen for covering bridges and arches.

WHITE SUFFOLK and RED FACING BRICKS of superior quality. Moulded bricks to any pattern.—Apply to Mr. BENJAMIN GOUGH, 27, Kensington-crescent, Kensington Gate.

N.B. COWLEY and KENT BRICKS of every description, and KENTISH RAGSTONE direct from the quarries, at a reduced price.

FIRE BRICKS, &c.—THOMAS B. SMITH begs to inform Builders, Gas Companies, Founders, Brewers, and Distillers, &c. &c., that he has commenced business as agent for W. Carr, of Newcastle, manufacturer of FIRE BRICKS, TILES, LUMPS, CLAY, &c., which articles he can offer on the best quality, cheaper than any other person in London.—Address, 81, Ann's Fire Brick Wharf, Limehouse.

DUTY OFF BRICKS.—Stocks, Prime Bright Square Bricks, 20s. per 1,000, alongside; on the Wharf 21s. Rough ditto, 20s. Suffolk Facing, very cheap and very superior.

WARD and Co., Honduras Wharf, Bankside, London. Fire-bricks, 40s. per 1,000; Dutch Clinkers (imported make), Patent Malt, Kiln, and Corn-drying Tiles; Country Pan Tiles, Purfleet Roach and Bench; Windsor (Pland) other Quoin, Plinth, Cream and Circular Bricks. Fire Lumps, Tiles, Shield Guards, Roberts' Shaped Goods, &c. &c. Clays, Loam, Concrete, Gravel River Sand, Roach above Bridge ditto for Plasterers. Mouse ditto Red and White. Dorking Lime; Cement, Sanitary Pipes &c. A large stock of Staffordshire, Welsh, and Newcastle square and other Fire Bricks. Pattern Heads with prompt nose Coals, very best screened (trichels), 22s. 6d.; Small ditto, 20s. 6d. per ton. Discount for Cash.

BRICKS.—In consequence of the low price at which Brickmakers have, for some time past, been purchasing Ashes and Breeze, H. INGHAM is enabled to offer his Bricks, which are of good quality, at the following low prices; and as his Bricks are only a quarter of an hour's walk from the City, H. I. earnestly requests purchasers will favour him with a visit, in order to inspect his stock, and to judge for themselves.

Malta Cutters	40s. per thousand.
Yellow Seconds	35s. 6d. "
Pale Seconds	31s. "
Paviors	45s. "
Pickings	20s. "

Malta Place, Half-stamped Stocks, and Place Bricks, at equally low prices. These bricks are made of well burnt clay, and are free from defects; a very large proportion of the stocks being suitable for external facing. They will be delivered at the above prices anywhere within two miles of the Bridge.

Apply to HENRY DOID and Co., at the Counting-house, Horton Brickfields, Orange-walk, near the Rosemary Branch, Hoxton.

N.B. Red Pit Sand, of approved quality, constantly on sale, upon reasonable terms. In the erection of walls, where it is desirable that the work should be kept as free from damp as possible, this sand, from its not containing any saline matter, is seldom lodged to be preferable to river sand.

JORDAN'S PATENT MACHINE CARVING and MOULDING WORKS for WOOD and STONE, Belvedere-road, Lambeth, and 134, Strand.—TAYLOR, WILLIAMS, and JORDAN beg to call the attention of the building community to a new feature of their establishment, and, at the same time, to thank their numerous patrons and friends for the very liberal support they have lately experienced, which, they assure them and the public, it will be their constant endeavour to deserve, by giving their customers an increasing share of the advantages arising from the constant improvements in the machinery which they have just succeeded in applying to the production of the most intricate carving in Caen and other freestones, and to statuary marble.

T., W., and J. particularly solicit the attention of architects and builders to the fact that, by the use of the machinery, a very large saving, both of time and money, is effected—in proof, indeed, that in many cases they can deliver a well-finished article in Caen stone for less money than it can be obtained in cement, while their wood-carving will, in many cases, be found to come into close competition with the best kinds of composition ornament.—For prices and estimates apply at 134, strand.

TESTIMONIAL FROM CHARLES BARRY, ESQ.

"Westminster, May 16th, 1849.

"Gentlemen,—In reply to your letter requesting my opinion of your recent Carving Machinery, I have much pleasure in stating, from an experience of more than two years, in its application to the production of the wood carvings of the House of Peers, and other apartments of the New Palace, at Westminster, that I am enabled to make the most favourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it in 1845 to her Majesty's Commissioners of Works and Works for adoption.—I remain, Gentlemen, yours faithfully,

"CHARLES BARRY."

Messrs. Taylor, Williams, and Jordan."

BATH STONE OF BEST QUALITY.

RANDELL and SAUNDERS, QUARRIERS and STONE MERCHANTS, BATH.

List of prices, also cost for transit to any part of the kingdom, furnished on application.

MARKET WHARF, REGENTS-PARK BASIN.—Messrs. MARTIN and WIND (late Rendle and Martin) solicit the attention of Builders, Masons and others, to their stock of Portland, York, and Derby Stone; also Hanger Blairs, Lime, Cement, Plaster, Bricks, Tiles, Laths, Fire-goods, Fire stone &c., and at the lowest possible prices for Cash. Portland Headstones, Ledgers, Kerbs, Landsills, &c., cut to order on the shortest notice. Turntables for use, or to hire. A Stock of Mitchell's Drain Pipes, Syphons, &c. always on hand. Mortar, Lime and Hair, Fine Sand, &c.

BATH STONE.—Messrs. RANDELL and SAUNDERS, Quarrymen, Bath, have appointed Messrs MARTIN and WOOD their sole agents in London. M. and W. beg to inform Architects, Masons, Builders, &c., that a large assortment of the above has been received ON HAND, and other BATH STONE will always be kept at the Depot, opposite the Great Western Railway Station, Paddington. Orders will also be received at Market Wharf, Regent's-park Basin.

CAEN STONE, SELECTED FOR EXTERNAL WORKS.—LUARD, BEEDHAM and Co., Quarry Proprietors and Importers from Allemagne.

AUBIGNY STONE from the Quarries, near Fresnes, Calvados Department.—Aubigny is of similar colour to Portland Stone, its texture finer, price and labour of working also at the same.

MANVILLE STONE from Manville Quarries, near Caen, Normandy.—Suitable for strong works, wharf and quay walling, price and labour similar to Caen Stone.—Depôt, Caen Safferance Wharf, Rotherhithe.—Information and samples supplied from the office, 15, Southwark square, Borough.

CAEN STONE.—P. FOUCARD, Quai des Abattoirs, Caen (Propriétaire des Carrières à Allemagne), offre CAEN STONE extracted from the first quarries at Allemagne, at 1s. 1d. per cubic foot, delivered in vessels or wagons free of expense; from the depôt at the Whitby and Scotch Wharf, 15, Fore-street, Limehouse. Contracts taken for any quantities. Cargoes shipped to order, from Caen, to any part of the coast, on the same terms.—Apply to P. FOUCARD, at the office, 20, Mossay street, Borough Market; or to Mr. R. WEBSTER, at the Wharf.—Samples to be seen, and references to be had, at Mr. MARSH'S, No. 4, Charlotte-row, near the Mansion House.

TO BUILDERS, MASONS, AND CONTRACTORS.

OBSERVE! the CHEAPEST DEPOT in England for MARBLE CHIMNEY PIECES, &c., of superior quality, is at the WESTMINSTER MARBLE COMPANY'S PATENT WORKS, Earl street, Holywell-street, Millbank.—Country orders attended to, and a large assortment always in stock.

CARLISLE MARBLE WORKS.—ESTABLISHED TWENTY YEARS, and recently fitted up with new and improved machinery for working and polishing marble. Architects and builders requiring large works executed will find a great saving in cost and time by intrusting them to the establishment. Patterns forwarded to any part of the kingdom.—THOMAS and JAMES NELSON, Proprietors.

SAMUEL CUNDY, Mason and Builder, 8, PIMLICO MARBLE and STONE WORKS, Belgrave Wharf, Pimlico,

GOTHIC WINDOWS, ALTAR SCREENS, and other Works, produced at a remarkably cheap rate.

FONTS from 3l. upwards. Specimens on view of the Early English, Decorated, and Perpendicular styles.

ALTAR TABLETS Illuminated.

PULPIT PANELS retained for SCULPTURED GOTHIC CARVINGS.

MEMORIAL CROSSES, MONUMENTS, TOMBS, HEAD-STONES, &c., in great variety of designs. Letters cut and complete for fixing in the country.

The Public are respectfully invited to view the carefully selected and manufactured Stock (by Imported machinery) of Veined Marble Chimney-pieces—cheap and good.

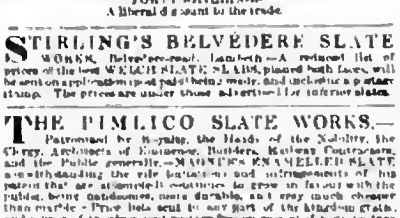
DAIRIES fitted up with MARBLE or SLATE SHELVES.—MINTON'S Encaustic and White of Blue and White Porcelain Tiles in great variety of patterns.

A GOOD MARBLE CHIMNEY PIECE FOR FORTY SHILLINGS.

A liberal discount to the trade.

STIRLING'S BELVEDERE SLATE WORKS, Belvedere-road, Lambeth.—A reduced list of prices of the best WELCH SLATE SLABS, planed both faces, will be sent on application—as soon as patterns are ready, and enclosing a quarter stamp. The prices are under those advertised for inferior slates.

THE PIMLICO SLATE WORKS.—Patronised by Royalty, the Heads of the Nobility, the Clergy, Architects of Eminence, Builders, Railway Contractors, and the Public generally.—MANSELL'S PATENT SLATE is now standing the rude battering and infringements of imitation; the more attempts it continues to grow in favour with the public, being cheaper, more durable, and very much cheaper than marble. Price lists sent to any part of the kingdom gratis, and a piece of travelling seat postage free on receipt of six postage stamps. Country Patterns, Paving, Imperial and Larder Slabs, Wash Hand Fittings, Slabs, and every variety of plain Slate Work, at prices that defy competition.—64 and 56, Upper Belgrave-place.



BATHS.—TYLOR'S IMPROVED APPARATUS, consisting of ENAMELLED MARBLE BATH, COPPER CIRCULATING BOILER, and three-way cock with flasher plate for hot, cold, and waste water, complete. Does not require brickwork, is portable, and is used from gas or supplied ready for use. Apply for the ironmongers and plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

IMPROVED OAK STAIN.—H. B. HIDDISON, VARNISH-MAKER, Hammersmith, begs to call the attention of architects, builders, &c., to his improved OAK STAIN of any shade, now in general demand. It is equally superior to all other stains, as it can be laid on the naked wood without size or other preparation, and, being an oil stain, will not wear off. Pattern Boards may be seen at the Office of "The Builder," or used at the Manufactory.

TO BUILDERS, PAINTERS, AND HOUSE DECORATORS.

FIFTY PER CENT. saved in time and labour.—BURTON and SON'S IMPROVED PATENT LIQUID KNOTTING requires no preparation. Sold by most colourmen in London, at 1s. per bottle, or sent by the proprietors, at 10d. per 3 ounce, or 1s. per gallon. Forwarded free to any part of London, on receipt of a post-office order to No. 3, Wellington-street, Camberwell, Surrey. A few travellers and country agents wanted. All letters are paid.

TO THE BUILDING PUBLIC.

FIRST-RATE ORNAMENTS in PORTLAND, ROMAN and other CEMENTS and PLASTER of PARIS, at reasonable prices, consisting of Vases, Balusters, Capitals, perforated Panellings, Cantilevers, Brackets, Trusses, Wreaths, Scrolls, Masques, Heads, Figures, Friezes, Gothic and other Chimney Shafts, public Bedi-cants, Patæræ, &c. &c. Usually Flowers from 1 to 4 feet diameter downwards. An assortment of Shop-front Trusses always ready for fixing.—HERBERT and SON, Modellers, &c., 11, Parker-street, Drury-lane.

ATKINSON'S CEMENT.—This Cement has hitherto been manufactured in Yorkshire, and, through long detention at sea, has often proved stale and useless for use on its arrival in London. By the arrangements now made, the Cement will be manufactured in London, and thus proceeded to commence its fresh and genuine state, by the Sole Agents, J. B. WHITE and SONS, Millbank-street, Westminster.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for cornices, architraves, and panel mouldings, and for imitation dressings, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where superfluous and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster, Patentees of KEENE'S Cement, Lessees of PARIAN Cement.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement, but has the advantage over that material of wholly resisting frost. When used as a stucco it does not vegetate or turn green in damp situations, and requires no concealing. Exposed as an hydraulic to water for brick-work, it carries four to five times the quantity of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior manipulative power, combined with the eminently hydraulic properties, point out Portland Cement as the fittest material for building on and underneath wet, as the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufactory—J. B. WHITE and SONS, Millbank-street, Westminster, and 31, Steel-street, Liverpool.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, late of the Paletter.—Messrs. ROBINS, ASPDIN, and Co. request reference to Nos. 3501, page 497; and also Nos. 3541 and 3551, pages 343 and 351 of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, wherein the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to great satisfaction of water; it is stronger in the early setting qualities, harder, and more durable than any other description of Cement; it does not vegetate or decay, or turn green; nor is it affected by any atmospheric influence whatever the climate. Possessing alike the action of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition, orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also at their Depôt, 40, Hanover-street, Liverpool.

THE PARIAN CEMENT, for INTERNAL STUCCO.

No. 4, Portsmouth-terrace North, Paddington.

13th February, 1850.

Dear Sirs,—I have been reluctant to speak to the merits of Parian Cement, until sufficient experience enabled me to do so. As an extensive builder I have given it many trials, and now beg to express my perfect satisfaction with it. The house from whence I date was first inhabited by me on 7th September last, and a brick having been laid before the 1st of June—that is to say, between nine and ten week—I suppose the walls throughout with Parian papered some, painted and marbled others, and the whole work has been dry and perfect from that time. I need say no more.—I am, Gentlemen, yours respectfully,

WM. MAPLEBECK.

Messrs Chas. Francis and Sons, Wardens.

MARTIN'S PATENT FIRE-PROOF AND ORNAMENTAL CEMENT.

APPLICABLE FOR

ALL INTERNAL PURPOSES WHERE PLASTERING IS REQUIRED.

This invaluable Cement has now been before the public on many years, and obtained as high a standing in the estimation of all who have used it, that it is unnecessary to comment on its merits. Testimonials, and both however published, appear to prove, that from the greater extent of surface which a given quantity of MARTIN'S will cover, as compared with other Cements for internal use, there will be found a ratio of 100 per cent. in material, full 50 per cent. less in price, with an additional saving in labour of 10 per cent., by its all true about being adapted for working, being less than one tenth of the time of other cements of a similar measurement worked with greater facility, making together the exact gross ratio of full THIRTY-THREE PER CENT.; the circumstance therefore cannot admit of doubt.

Specimens, showing its beauty, hardness and appropriateness to all plain and ornamental purposes, may be seen, and the Cement, in any quantities, obtained of Messrs. STEVENS and SON, at the Plaster-of-Paris Works, 310, Drury-lane, London.—Manufactory, Derwent Mill, Derby.

JOHNS and Co.'s PATENT PERMANENT STUCCO WASH, CEMENT, and PAINT.—In addition of the trade and the public generally are solicited to the above preparations, which, for their beauty, durability, impermeation, and cheapness are unequalled. THE PERMANENT WASH, as a substitute for common lime wash or water colour, is an article which has long been in request for stucco and fresh-work; it is of a stone colour, but may be tinted any other or partially dry in twenty-four hours, will not wash off; is very little dearer than the ordinary lime washes; and being a non-absorbent, is admirably adapted for railway stations, union workhouses, schools, barracks, prisons, &c. One coat is sufficient to cover, with two coats the purest purple. PINK CEMENT, from the great reduction in price, and its suitableness for internal as well as external purposes, places it above all other materials of the kind; it has an extra vitrium, may be painted or papered in a few days after being applied, and will not become a hard as stone and may be cleaned with a brush and water. The merits of the PAINT are well known for its application to repair work of all kinds, and returns were remarkable. Numerous testimonials, of specimens, and every information may be obtained, on application to the Sole Agent, PHILIP HARE, at the Warehouse, 21, Strand-lane, Upper Thames-street. A liberal allowance to wholesale dealers.

GRAY STONE and WHITE FLAME LIME WORKS, BEWLAY CLIFF, in the Medway, KENT.—GEORGE POTTER and CO., having added the old and well-known business of the Purfleet Wharfs, Earl-street, Blackfriars, and Camden-town, to their former town establishments are ready to supply Contractors, Builders, Gas Companies, and the Trade generally, with Grey Stone, White Flame, and Chalk Lime, upon the most liberal terms. Apply as a list of their wharfs—

City.—Purfleet Wharf, Earl-street, Blackfriars.

Pimlico.—Grosvenor Basin.

Chelsea.—Queen's Wharf.

Paddington.—No. 18, North Wharf-road, coming from Westbourne.

Camden-town.—James-street.

City-road Basin.—Wharf-road.

BELL'S PATENT LIQUID CEMENT is ready for use, and costs one-eighth the cost of oil-paint. For houses it is pre-eminent, giving the exact appearance of FINE CUT STONE. Can be used at once on fresh Roman Cement, or any other plastering, and will protect the walls as well as Roman Cement. In tints of 1, 2, and 3 cut, as in Nos. and Tin, casks inclusive.

PATENT MINERAL PAINTS.

Invaluable for cheapness, beauty, and permanence: not half the cost of other paints always ready for use, will keep good for years, and therefore will stand for exportation. Brilliant blacks, 1s. rich browns, 2s. 6d.; greens and light colours, 3s. per gallon.

J. BELL and Co., 2, Wellington-street, Goswell-street.

TO BUILDERS, CONTRACTORS, ENGINEERS, GOVERNORS, LANDED PROPRIETORS, AGRICULTURISTS, AND OTHERS.

THE PATENT ALKALI COMPANY'S METALLIC BLACK, BRIGHT RED, and PURPLE-BROWN PAINTS are applicable for covering iron and wood-work of every description, also stuccoed and brick buildings, and are remarkable for their superior preserving properties, cheapness, and durability.—Offices of the Company, 1, New Broad-street, London.

JOHN A. WEST, Secretary.